

[AUTOMATIC GAIN CONTROL CIRCUIT FOR CONTROLLING START-UP TIME OF OSCILLATOR AND METHOD THEREOF]

Abstract

An automatic gain control circuit for controlling a start-up time of an oscillator and a method thereof are provided. An oscillation detection unit is used to detect the start-up time of the oscillator. In addition, a control unit is used to move the start-up time of the oscillator forward when the start-up time of the oscillator is later than a first predetermined time point. Moreover, when the start-up time of the oscillator is earlier than a second predetermined time point, the start-up time of the oscillator is delayed.